



RECEIVED  
JUN 14 2002  
TECH CENTER 1600 (06-00)

Please type a plus sign (+) inside this box → +

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 10/31/02. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

*37*

Application Number	09/455,486
Filing Date	6 December 1999
First Named Inventor	Daniel E.H. AFAR, et al.
Group Art Unit	1642
Examiner Name	Gary B. Nickol, Ph.D.
Total Number Of Pages In This Submission	37
Attorney Docket No.	511582001620

### ENCLOSURES (check all that apply)

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                        | <input type="checkbox"/> Assignment Papers<br><i>(for an Application)</i>               | <input type="checkbox"/> After Allowance Communication to Group                                      |
| <input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences                  |
| <input type="checkbox"/> Amendment / Reply                                      | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Group<br><i>(Appeal Notice, Brief, Reply Brief)</i> |
| <input checked="" type="checkbox"/> After Final                                 | <input type="checkbox"/> Petition   | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declarations (see Exhibit A)                | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Status Letter   |
| <input checked="" type="checkbox"/> 2 Month Extension of Time Request           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>               |
|   | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Return Postcard  |
| <input type="checkbox"/> Express Abandonment Request                            | <input type="checkbox"/> Request for Refund   | <input checked="" type="checkbox"/> Declaration of Mary Faris, Ph.D.                                 |
| <input type="checkbox"/> Information Disclosure Statement                       | <input type="checkbox"/> CD, Number of CD(s)  | <input checked="" type="checkbox"/> Exhibit A (Mary Faris, Ph.D. resume)                             |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                 |   | <input checked="" type="checkbox"/> Exhibit B ( 8 sheets of figures)                                 |
| <input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application   |   |  |
| <input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 |   |  |

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Morrison & Foerster LLP 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130  Kate H. Murashige
Signature	<i>Kate H. Murashige</i>
Date	June 3, 2002

### CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on June 3, 2002

*Ruth Saskowski*

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL FOR FY 2002

JUN 12 2002

Patent fees are subject to annual revision.

TRADEMARK OFFICE FEE

TOTAL AMOUNT OF PAYMENT

(\$200.00)

Complete if Known

Application Number

09/455,486

Filing Date

6 December 1999

JUN 14 2002

First Named Inventor

Daniel E. H. AFAR et al

Examiner Name

Gary B. Nickol, Ph.D.

Group Art Unit

1642

TRADEMARK OFFICE FEE

Attorney Docket No.

511582001620

## METHOD OF PAYMENT

- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

03-1952

Deposit Account Name

Morrison &amp; Foerster LLP

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27

- Payment Enclosed:

Check  Credit Card  Money Order  Other

## FEE CALCULATION (continued)

## 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)				(\$0.00)	

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	200.00
117	890	217	460	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions of the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per properties (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*\* or number previously paid, if greater; For reissues, see above.

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$200.00)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Kate H. Murashige	Registration No. (Attorney/Agent)	29,959	Telephone	(858) 720-5112
-------------------	-------------------	--------------------------------------	--------	-----------	----------------

Signature	Kate H. Murashige	Date	June 3, 2002
-----------	-------------------	------	--------------

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

SD-95222